

TIPS on the BLUEBONNET BOWL BOUND **TIGERS**



CLEMSON COLLEGE
CLEMSON, S. C.

DECEMBER 19, 1959

Tips on The Tigers

Bluebonnet Bowl Brochure

Prepared and Published by

The Office of Athletic Publicity
Clemson College Athletic Association

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Foreword . . .

This special brochure on the Bluebonnet Bowl-bound Tigers is an extra chore which we are delighted to publish. This is the second straight post-season game for Clemson, the third in four years and sixth in past 12 seasons.

The Tigers have been champions of the Atlantic Coast Conference three times (1956-58-59) since the loop was formed in 1953 and each year following the championship, played in a major bowl. (Clemson's bowl record may be found elsewhere in this brochure).

In this brochure we have tried to bring things up-to-date that aren't in the pre-season booklet. You will find such things as final 10-game statistics, post-season honors won by Clemson players, a few words on the coaches and other pertinent information which should make your coverage of the first annual Bluebonnet Bowl a little easier. We could by no means answer all of the questions that will come up so feel free to contact us at anytime for other information. We'll do our best to help.

Bob Bradley

Sports Publicity Director

COVER

The front cover shows Doug Cline smashing over for his second touchdown in the Wake Forest game. The Tiger fullback gained 125 yards in the thriller which Clemson won, 33-31.

Looking Back On '59 . . .

Summertime dopesters with the "latest inside poop" predicted that Clemson would have a good team. Most of them said the Tigers would be in the thick of the conference championship race and one of the top teams in the nation.

The Tigers grabbed the ACC laurels for the second straight year and have been ranked in the Top 20 all but one week end since the season began. Their highest rating was No. 5 following the two opening wins.

The opening game was a natural. Clemson and North Carolina were rated pre-season conference favorites. They met at Chapel Hill before 43,000 and it turned out to be one of many heart-failure games the Tigers would play. Clemson won, 20-18, but not before the Tar Heels put on a terrific last quarter rally.

Clemson met an undermanned Virginia team the following week end and drubbed the Cavaliers, 47-0, and Clemson stock began to soar.

However, the following Saturday in Atlanta, Georgia Tech slowed down the virus-ridden Clemson express with a 16-6 triumph. Fifteen of the top 22 players suffered from the virus during a 10-day period.

N. C. State and Clemson played the Tigers' first home game the next Saturday and 19,000 sat through 3.28 inches of rain to watch the Tigers triumph, 23-0.

This triumph was to be the first of four straight shutouts for the Tigers. Arch rival South Carolina was no match for Clemson and fell, 27-0; Rice of the Southwest Conference got the whitewash treatment, 19-0; and Duke also failed to cross the "alumni line" and fell, 6-0.

Then, the defense which had given up just 34 points in seven games, came apart and Maryland felled the Tigers, 28-25. Defense was no concern either in the next game and Clemson won a real donnybrook from Wake Forest, 33-31. It was probably the most exciting game ever played in Memorial Stadium. The Tigers were back on the right track and in the final game of the season ran up their biggest point total of the season, 56-3, against Furman.

Facts About Clemson . . .

GENERAL INFORMATION

College name: Clemson College

Founded: 1889

President: Dr. Robert Cook Edwards, Clemson '33

Location: Clemson, South Carolina

Conference: Atlantic Coast

Clemson	North Carolina State
Duke	South Carolina
Maryland	Virginia
North Carolina	Wake Forest

College enrollment: 4,000

Nickname: Tigers and Country Gentlemen

Stadium: Clemson Memorial (40,000 permanent seats)

Band: Clemson Tiger Marching Band (100 pieces)

Student paper: The Tiger

ATHLETIC STAFF

Athletic Director: Frank Howard, Alabama '31

Faculty Chairman: R. R. Ritchie, Iowa State '26

Business Manager: Gene Willimon, Clemson '33

Ass't Business Manager: Bill McLellan, Clemson '54

Publicity Director: Bob Bradley, Clemson '51

COACHING STAFF

Head Coach: Frank Howard, Alabama '31

End Coach: Bob Jones, Clemson '30

Defensive Back: Banks McFadden, Clemson '40

Offensive Back: Charlie Waller, Oglethorpe '42

Line Coach: Bob Smith, Furman '34

Ass't. Line: Don Wade, Clemson '52

Head Freshman: Covington McMillan, Clemson '30

Ass't. Freshman: Whitey Jordan, Clemson '59

Track & Cross Country: Banks McFadden, Clemson '40

Baseball: Bill Wilhelm, Catawa '57

Freshman Baseball: Jim Partin

Swimming: Carl McHugh, Clemson '36

Golf: Bob Moorman, Clemson '40

Basketball: Press Maravich, Davis-Elkins, '41

Freshman Basketball: Bobby Roberts, Furman '53

Tennis: Leslie Longshore, Tulane

Trainers: Fred Hoover, Florida State, '53

Herman McGee

STUDENT LEADERS

Team Co-Captains: Quarterback Harvey White and Center Paul Snyder

Managers: Bobby Fant, Dave Jeter, Mark Jones, Sam Fant and David Jeter.

HOTEL HEADQUARTERS

As on all trips to Houston, the Shamrock Hilton will serve as headquarters for the Clemson team and coaches. The squad is due to arrive early Thursday afternoon, Dec. 17, and depart for Clemson Monday morning, Dec. 21.

SQUAD LETTERMEN

Ends: Sam Anderson, Bob DeBardelaben, Emil Zager

Tackles: Lou Cordileone, Harold Olson, Jack Smith

Guards: Sam Crout, Dave Lynn, Dave Olson

Centers: Paul Snyder

Quarterbacks: Johnnie Mac Goff, Lowndes Shingler, Harvey White

Halfbacks: Bob Chatlin, Doug Daigneault, Bill Mathis, Bob Morgan, George Usry

Fullbacks: Doug Cline

1959 RESULTS

Clemson 20 North Carolina 18

Clemson 47 Virginia 0

Clemson 6 Georgia Tech 16

Clemson 23 N. C. State 0

Clemson 27 South Carolina 0

Clemson 19 Rice 0

Clemson 6 Duke 0

Clemson 25 Maryland 28

Clemson 33 Wake Forest 31

Clemson 56 Furman 3

CLEMSON'S BOWL RECORD

1940 Cotton Bowl — Clemson 6 Boston College 3

1949 Gator Bowl — Clemson 24 Missouri 23

1951 Orange Bowl — Clemson 15 Miami 14

1952 Gator Bowl — Clemson 0 Miami 14

1957 Orange Bowl — Clemson 21 Colorado 27

1959 Sugar Bowl — Clemson 0 Louisiana State 7

PLAYERS BY STATES

South Carolina 17

Maryland 2

Georgia 11

Alabama 1

Pennsylvania 7

District of Columbia 1

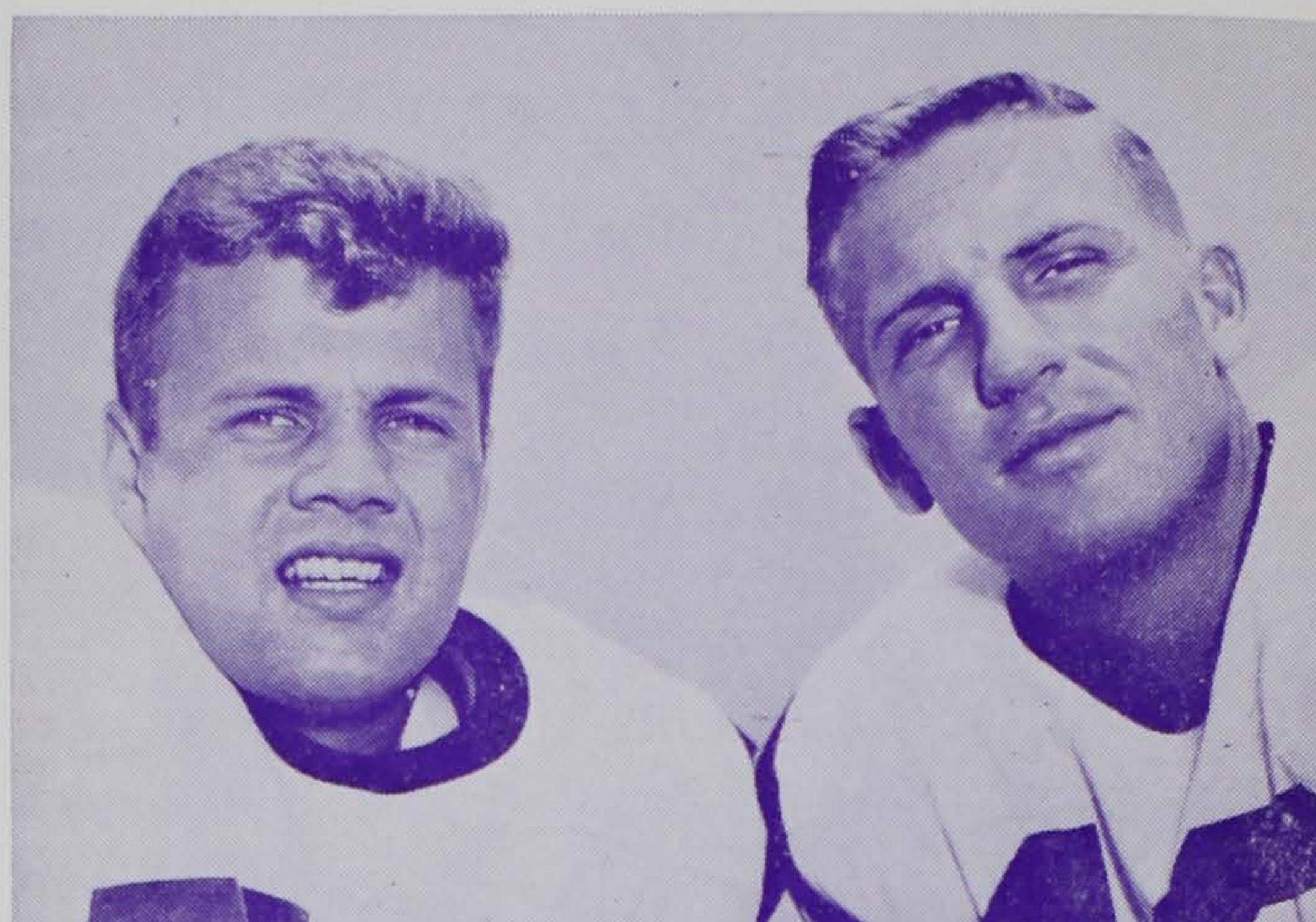
North Carolina 4

New York 1

New Jersey 4

West Virginia 1

CLEMSON CO-CAPTAINS



Left, Center Paul Snyder
Right, Quarterback Harvey White

ATHLETIC COUNCIL



Ritchie

R. R. (Red) Ritchie, Chr.

Gaston Gage

John D. Lane

R. W. Moorman

T. W. Morgan

G. H. Hill, ex-officio

K. N. Vickery, ex-officio

Goode Bryan
alumni member

W. G. DesChamps
alumni member

PRONUNCIATION

Andreо—AN-dre-O

Cordileone—COR-dee-LEE-on

Crolley—CROW-ley

Daigneault—DAG-no

Gue—GAY

Heilig—HI-LIG

Pavilack—PAV-i-LACK

Scrudato—SCREW-dah-TOE

Usry—US-ree

Zager—ZAY-ger

Zoretich—ZO-re-TICH

The Head Man . . .

Frank Howard stated back in August that 1959 could possibly be his best year at Clemson. And that was pretty much of a mouthful when you consider the "Baron" has had two undefeated teams and carried five to bowls in the past 11 seasons.



Howard

But the youthful fella of 50 knew of the future. His Tigers responded with an 8-2 season and are now headed for the latest of the post-season games, the Bluebonnet in Houston. It is Clemson's second consecutive bowl excursion and third in four years.

Howard has just completed his 20th year as head coach at Clemson and his 29th on the staff. In his head coaching career, Clemson has won 114, lost 70 and tied 10.

Howard has been accorded many honors during his

colorful career. In 1958 he registered his 100th coaching victory (against North Carolina) and then carried his team to the Sugar Bowl, which was his seventh post-season venture as a player, assistant coach and head coach. None of the major bowls have escaped Howard.

Howard's successful venture into the field of athletics started in his prep days at Murphy High in Mobile, Ala. From there he entered the University of Alabama and enjoyed four highly successful years under Coach Wallace Wade. It was here he first came in contact with Jess Neely, then an assistant coach on the 'Bama staff and former head coach at Southwestern.

When John Cody left the Clemson scene at the close of the 1930 season Neely was picked to guide the destiny of the Tigers, and he remained nine years.

Upon receiving the Clemson offer Neely picked a fresh-graduated guard, Howard, to be his line coach. These two, along with Bob Jones (Clemson end coach) and Joe Davis (Rice line coach), set about to build Clemson's grid fortunes.

Their work was climaxed with a trip to the 1940 Cotton Bowl following a 8-1-0 season. Neely then went to Rice and the Clemson Athletic Council met to name a new head coach. Howard was nominated, he seconded his own nomination, and thus began an almost unparalleled career as coach, banquet speaker, clinic lecturer and a breeder of first-class copy for news-seeking sports-writers.

Howard's fame in these categories reaches new audiences each year. This past summer he was lecturer at

six clinics and his travels to touchdown clubs will carry him far and wide next December and January.

Howard not only takes full responsibility for the football team, but is also athletic director, handling all sports programs at Clemson. In his 19-plus years in that capacity, the athletic department has always been successful from a financial viewpoint.

The Clemson mentor is married to the former Anna Tribble of Anderson and they are the parents of two children, Alice and Jimmy.

ASSISTANT COACHES . . .

BOB JONES, End Coach, Clemson '30 . . . the ranking member of the coaching staff from the point of service . . . started coaching his senior year at Clemson and has never left . . . has now been associated with the school



Jones

for 34 years, first as a player and later as a coach . . . now handles ends but came up through the ranks handling freshmen teams . . . was varsity boxing coach when Clemson fielded a team . . . graduated in 1930 after an outstanding basketball and football record . . . was an All-South end and captained basketball team . . . has served under Josh Cody, Jess Neely and Frank Howard . . . rose through the military ranks and now

holds brigadier general's rating . . . married to the former Ellen Moseley of Anderson

BANKS McFADDEN, Defensive Backfield Coach, Clemson '40 . . . recently chosen for football Hall of Fame . . . greatest athlete South Carolina ever produced



McFadden

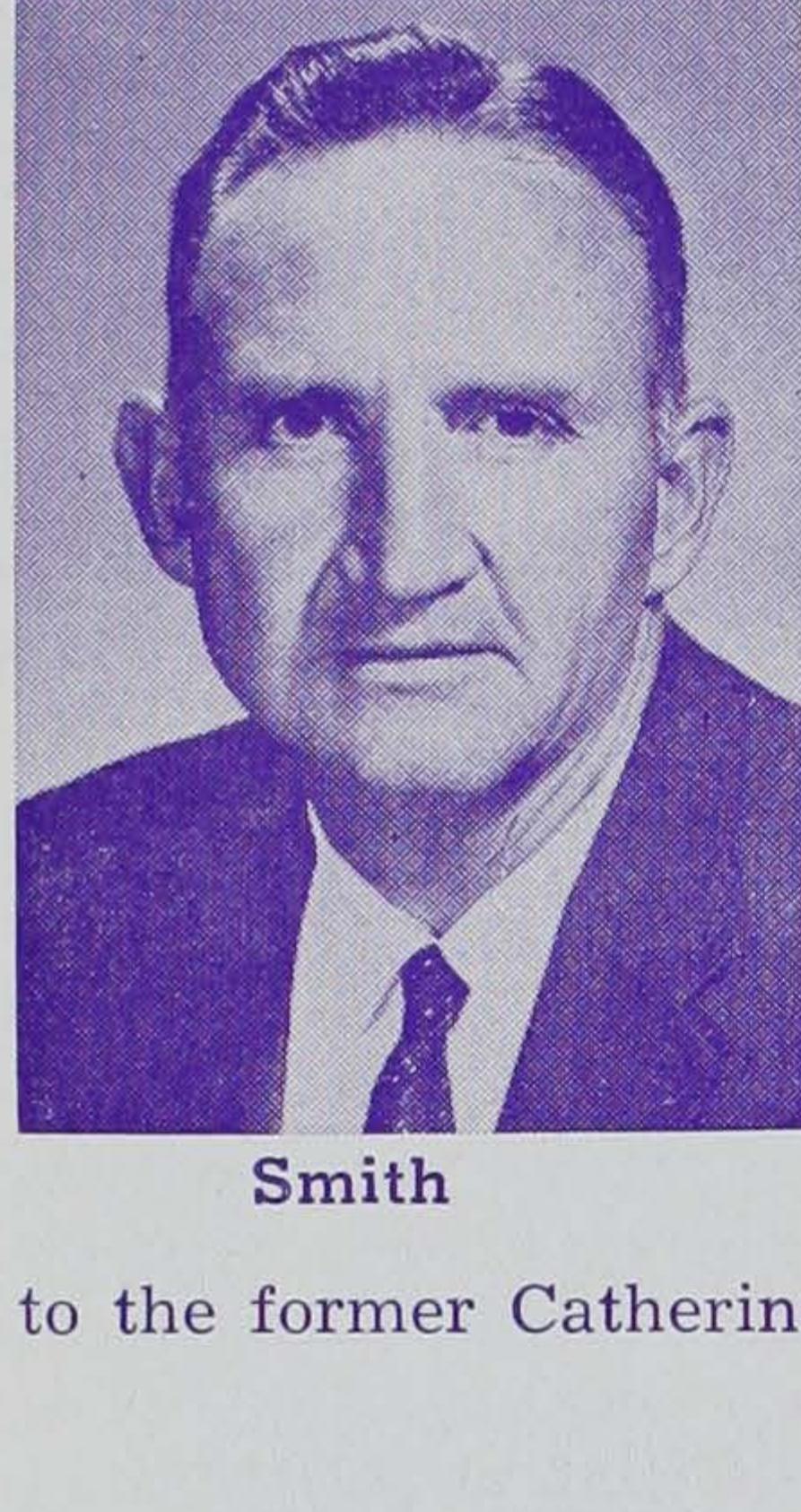
. . . was named to the All-American basketball and football teams in 1939 . . . set three state track records, two of which—the low hurdles and broad jump—still stand . . . an outstanding punter in his collegiate days . . . took a fling at pro football . . . discharged as a major in the Air Corps . . . varsity basketball coach for 10 years . . . member of All-Time Cotton Bowl team . . . led Clemson to Southern Conference cage crown in

1939 . . . nation's most versatile athlete 1939-40 . . . married to former "Aggie" Rigby of Manning . . . father of four daughters, Patsy, 13, Lil, 11, Marcia, 8, and Jan, 6.

BOB SMITH, Line Coach, Furman '34 . . . has been at his present post for past five years, but on the staff since 1950 . . . was a three-sport man at Furman . . . was

retained as assistant football coach following graduation . . . later returned to his alma mater as head football coach . . . saw Naval service during World War II . . . coached at Jacksonville Naval Air Station . . . came to Clemson as a defensive 'T' specialist . . . helped install that formation here in 1953 . . . served as baseball coach and won conference championship in 1954 and he was ACC coach of the year . . . Georgia native . . . married

Smith



to the former Catherine Jordan of Dillon

DON WADE, Assistant Line Coach, Clemson '52 . . . was moved up to the varsity staff this past summer after putting in five highly successful years with freshmen

. . . will assist Smith in developing Clemson's front line of defense . . . played linebacker on two Clemson bowl teams, the 1951 Orange and 1952 Gator . . . Coached year at Waynesboro (Ga.) after graduation . . . one of his chief duties is scouting high school games . . . will also aid this fall in scouting Clemson opponents . . . formerly handled freshman baseball team . . . native of Lenoir City, Tenn. . . . is married to former Barbara

Wade

Henderson of Clemson . . . father of two daughters, Donna, 7, and Beth, 3, and one son, Clint, 1.

CHARLIE WALLER, Offensive Backfield Coach, Oglethorpe '42 . . . now in his third year at Clemson . . . has developed some highly explosive backfields . . .

1959 — Clemson Varsity Football Roster — 1959

No.	Name	Age	Hgt.	Wgt.	Hometown	Class
Quarterbacks						
10	*Harvey White	21	6-2	205	Greenwood	Sr.
12	*Lowndes Shingler	19	6-1	190	Greenwood	Jr.
16	*Johnnie Mac Goff	20	5-11	160	Saluda	Sr.
17	Don Heilig	21	5-9	160	Hendersonville, N. C.	Jr.
Right Halfbacks						
20	*George Usry	21	6-10	180	Waycross, Ga.	Sr.
21	Jim Wilson	18	6-0	185	Icard, N. C.	So.
22	Bob Coleman	20	5-10	165	Anderson	So.
24	*Doug Daigneault	24	6-1	200	Malone, N. Y.	Sr.
26	*Bob Morgan	21	5-7	160	New Ma'tsv'le, W. Va.	Jr.
Fullbacks						
30	Ron Scrudato	18	6-0	185	Nutley, N. J.	So.
35	Alan DeMott	20	5-11	185	Montvale, N. J.	So.
36	Hal Knott	22	5-11	200	Henderson, N. C.	Sr.
37	*Doug Cline	21	6-2	205	Valdese, N. C.	Sr.
39	Wendall Black	18	6-0	180	Saluda	So.
Left Halfbacks						
45	Harry Pavilack	19	6-1	200	Pittsburgh, Pa.	So.
47	*Bill Mathis	20	6-1	200	Manchester, Ga.	Sr.
48	Harold Smith	20	5-11	180	Rock Hill	So.
49	*Bob Chatlin	27	5-11	175	Washington, D. C.	Sr.
Centers						
51	Ron Andreo	20	6-0	185	Leechburg, Pa.	So.
53	Pete Morrison	19	6-0	185	Garwood, N. J.	So.
54	*Paul Snyder	23	6-0	210	Baltimore, Md.	Sr.
55	Jack Veronee	19	6-0	200	Charleston Heights	So.
57	Frank Zoretich	20	6-1	205	Monessen, Pa.	So.
Guards						
60	Ronnie Grace	22	6-0	205	McKeesport, Pa.	So.
61	Ray Garris	19	6-0	190	Brunswick, Ga.	So.
62	Tommy Gue	19	5-10	175	Orangeburg	So.
63	Morgan Fowler	19	6-0	205	Atlanta, Ga.	So.
64	Pat Killen	20	6-2	200	Sumter	So.
65	*Dave Lynn	22	6-0	205	Fairless Hills, Pa.	Jr.
66	*Dave Olson	19	6-0	205	Decatur, Ga.	Jr.
67	Calvin West	19	6-1	195	Kershaw	So.
68	Lon Armstrong	19	6-0	200	Eddystone, Pa.	So.
69	*Sam Crout	23	5-11	200	Swansea	Jr.
Tackles						
70	Joel Palmer	19	6-3	210	Anderson	So.
71	*Jack Smith	21	6-5	215	Athens, Ga.	Sr.
73	Jimmy King	20	6-3	250	Anderson	So.
74	*Lou Cordileone	22	6-0	245	Jersey City, N. J.	Sr.
75	Ronnie Osborne	19	6-4	260	Cleveland, Ga.	So.
76	*Harold Olson	21	6-3	240	Decatur, Ga.	Sr.
77	Harvey Haynie	20	5-11	210	Cornelia, Ga.	So.
78	Morris Keller	22	6-2	240	Greenville	Jr.
Ends						
80	*Bob DeBardelaben	22	6-2	185	Conley, Ga.	Sr.
81	*Emil Zager	21	6-1	180	McKeesport, Pa.	Jr.
82	Gary Barnes	19	6-4	185	Fairfax, Ala.	Sc.
83	Kenneth Rogers	21	6-5	200	Mullins	Sr.
85	*Sam Anderson	20	6-1	185	Baltimore, Md.	Jr.
86	Ronnie Crolley	18	6-2	190	Columbia	So.
87	Ed Bost	22	6-1	195	Myrtle Beach	So.
88	Tommy King	19	6-1	185	Atlanta, Ga.	So.

*Denotes Letterman

FOR 10 GAMES . . .

TEAM STATISTICS	Clem.	Fur.	Clem.	Opp.
First downs rushing -----	110		56	
First downs passing -----	45		40	
First downs penalty -----	13		6	
Total first downs -----	168		102	
Rushing attempts -----	527		391	
Net yards rushing -----	1925		1085	
Passes attempted -----	152		172	
Passes completed -----	71		73	
Passes had intercepted -----	10		13	
Net yards passing -----	1057		886	
Total number of plays -----	679		561	
Total net yards -----	2982		1971	
Number times punted -----	58		73	
Average punt -----	35.2		36.7	
Number punt returns -----	45		22	
Average punt return -----	12.2		8.9	
Number kickoffs returned -----	26		45	
Average kickoffs return -----	24.1		21.7	
Yards lost by penalty -----	397		568	
Fumbles -----	24		24	
Fumbes lost -----	12		18	
Touchdowns passing -----	10		6	
Touchdowns rushing -----	25		6	
Touchdown, KO Return -----	1		0	
Touchdown, Intcp. Rtn. -----	3		1	
Total touchdowns -----	39		13	
Field Goal -----	1		3	
Extra point, kick -----	11		9	
Extra points, run or pass -----	7		0	
Total points -----	262		96	

INDIVIDUAL STATISTICS . . .

	Plays	Yds. Rush	Att. Pass	Com. Pass	Yds. Pass	Tot. Plays	Tot. Yds.
White	37	26	98	52	693	135	719
Cline	110	449	0	0	0	110	449
Mathis	99	424	1	0	0	99	424
Shingler	33	77	48	18	345	81	422
Usry	71	319	0	0	0	71	319
Scrudato	53	180	0	0	0	53	180
Daign'lt	31	143	0	0	0	31	143
H. Smith	32	98	0	0	0	32	98
Knott	11	60	0	0	0	11	60
Pavilack	14	48	0	0	0	14	48
Chatlin	10	36	1	0	0	11	36
Heilig	2	10	3	1	19	6	29

SCORING . . .

	TD	C	R	K	Tot		TD	C	R	K	Tot
Mathis	11	1	1	0	70	White	1	0	0	3	9
Lsry	5	0	0	0	30	*Armstr'g	0	0	0	4	7
Daign'lt	5	0	0	0	30	T. King	1	0	0	0	6
Cline	4	0	1	2	28	Knott	1	0	0	0	6
Bost	3	0	0	0	18	Wilson	1	0	0	0	6
Barnes	2	1	0	0	14	Snyder	1	0	0	0	6
Scrudato	2	0	1	0	14	Pavilack	1	0	0	0	6
Shingler	1	0	1	2	10	Anderson	0	1	0	0	2

*Also has field goal

1959 SCORE BY PERIODS

North Carolina	0	6	0	12	18
Clemson	6	8	6	0	20
Virginia	0	0	0	0	0
Clemson	14	0	27	6	47
Georgia Tech	0	7	6	3	16
Clemson	0	0	6	0	6
N. C. State	0	0	0	0	0
Clemson	0	6	3	14	23
South Carolina	0	0	0	0	0
Clemson	0	13	6	8	27
Rice	0	0	0	0	0
Clemson	0	6	0	13	19
Duke	0	0	0	0	0
Clemson	0	6	0	0	6
Maryland	7	7	0	14	28
Clemson	0	7	6	12	25
Wake Forest	7	10	7	7	31
Clemson	6	8	6	13	33
Furman	3	0	0	0	3
Clemson	14	14	6	22	56
OPPONENTS	17	30	13	36	96
CLEMSON	40	68	66	88	262

HOWARD'S 20-YEAR RECORD

Year	G	W	L	T	Pct.
1940	9	6	2	1	.722
1941	9	7	2	0	.778
1942	10	3	6	1	.350
1943	8	2	6	0	.250
1944	9	4	5	0	.444
1945	10	6	3	1	.650
1946	9	4	5	0	.444
1947	9	4	5	0	.444
1948	11	11	0	0	1.000
1949	10	4	4	2	.500
1950	10	9	0	1	.950
1951	10	7	3	0	.700
1952	9	2	6	1	.278
1953	9	3	5	1	.389
1954	10	5	5	0	.500
1955	10	7	3	0	.700
1956	11	7	2	2	.727
1957	10	7	3	0	.700
1958	11	8	3	0	.727
1959	10	8	2	0	.800
Totals	194	114	70	10	.613

Outstanding In Their Field . . .

Most Yards Rushing as a

FRESHMAN

Buck George—453 (1951)	Bobby Gage—214 (1945)
Don King—371 (1952)	Ray Mathews—187 (1947)
* * *	

Most Yards Rushing as a

SOPHOMORE

Ray Mathews—646 (1948)	Fred Cone—635 (1948)
Lawrence Gressette—590 (1951)	
Billy Hair—573 (1950)	
Charlie Timmons—556 (1939)	
* * *	

Most Yards Rushing as a

JUNIOR

Joel Wells—782 (1955)	
Ray Mathews—728 (1949)	Fred Cone—692 (1949)
Billy Hair—698 (1951)	Butch Butler—616 (1942)
* * *	

Most Yards Rushing as a

SENIOR

Fred Cone—845 (1950)	
Joel Wells—803 (1956)	
Jackie Calvert—714 (1950)	
Charlie Timmons—635 (1941)	
Billy O'Dell—609 (1955)	
* * *	

Most Yards Rushing in a

CAREER

Fred Cone—2,172 (1948-49-50)	
Joel Wells—1,937 (1954-55-56)	
Ray Mathews—1,886 (1947-48-49-50)	
Bill Hair—1,579 (1950-51-52)	
Charlie Timmons—1,545 (1939-40-41)	
* * *	

Most Yards Passing as a

FRESHMAN

Don King—317 (1952)	Bobby Gage—171 (1945)
* * *	

Most Yards Passing as a

SOPHOMORE

Harvey White—841 (1957)	Billy Hair—644 (1950)
Don King—706 (1953)	Bobby Gage—388 (1946)
* * *	

Most Yards Passing as a

JUNIOR

Billy Hair—1,004 1951	Harvey White—492 (1958)
Bobby Gage—1,002 (1947)	Ray Mathews—487 (1949)
Butch Butler—504 (1942)	Don King—468 (1954)
* * *	

Most Yards Passing as a

SENIOR

Don King—558 (1955)	Bobby Gage—887 (1948)
Jackie Calvert—557 (1950)	Harvey White—693 (1959)
Joe Berry—434 (1936)	Banks McFadden 581 (1939)

**Most Yards Passing in a
CAREER**

Four Years

Bobby Gage—2,448 (1946-47-48-49)

Don King—2,077 (1952-53-54-55)

Three Years

Harvey White—2,026 (1957-58-59)

Billy Hair—1,885 (1950-51-52)

Bob Bailey—1,023 (1936-37-38)

* * *

**Best Total Offense as a
FRESHMAN**

Don King—688 (1952) Bobby Gage—385 (1945)

Buck George—463 (1951) Ray Mathews—255 (1947)

* * *

**Best Total Offense as a
SOPHOMORE**

Billy Hair—1,217 (1950) Don King—949 (1953)

Harvey White—1,038 (1957) Ray Mathews—815 (1949)

* * *

**Best Total Offense as a
JUNIOR**

Billy Hair—1,702 (1951)

Bobby Gage—1,504 (1947) Butch Butler—1,120 (1942)

Ray Mathews—1,215 (1949) Joe Berry—879 (1935)

* * *

**Best Total Offense as a
SENIOR**

Jackie Calvert—1,271 (1950)

Bobby Gage—1,230 (1948)

Banks McFadden—1,026 (1939)

Chippy Maness—860 (1940)

* * *

**Best Total Offense in a
CAREER**

Four Years

Bobby Gage—3,757 (1,309 Rush, 2,448 Pass) (1945-46-47-48)

Ray Mathews—2,793 (1,886, 907 Pass) (1947-48-49-50)

Don King—2,761 (684 Rush, 2,077 Pass) (1952-53-54-55)

Three Years

Billy Hair—3,464 (1,579 Rush, 1,885 Pass) (1950-51-52)

Harvey White—2,517 (491 Rush, 2,026 Pass) (1957-58-59)

Fred Cone—2,183 (2,172 Rush, 11 Pass) (1948-49-50)

Joel Wells—2,052 (1,937 Rush, 115 Pass) (1954-55-56)

* * *

**Leading Scorers as a
FRESHMAN**

Ray Mathews—18 (1947) Don King—18 (1952)

* * *

**Leading Scorers as a
SOPHOMORE**

Ray Mathews—78 (1948) Billy Hair—42 (1950)

* * *

Leading Scorers as a

JUNIOR

Maxcy Welch—64 (1930) Goat McMillan—54 (1929)

Fred Cone—55 (1949) Jim Reynolds—43 (1947)

**Leading Scorers as a
SENIOR**

Fred Cone—92 (1950) Mac Folger—48 (1936)
Charlie Timmons—77 (1941) Joel Wells—48 (1956)
Bill Mathis—70 (1959) Joe Pagliei—43 (1955)

* * *

**Leading Scorers In
CAREER**

Four Years

Ray Mathews—168 (1947-48-49-50)
Bobby Gage—67 (1945-46-47-48)

Three Years

Fred Cone—189 (1948-49-50)
Bill Mathis—126 (1957-58-59)
Goat McMillan—102 (1928-29-30)

Joel Wells—102 (1954-55-56)
Billy Hair—90 (1950-51-52)
Jackie Calvert—84 (1948-49-50)

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**Most Touchdowns Responsibility as a
FRESHMAN**

Don King—5 (1952)
Ray Mathews—3 (1947)
Buck George—3 (1951)

* * *

**Most Touchdowns Responsibility as a
SOPHOMORE**

Ray Mathews—15 (1948)
Billy Hair—13 (1950)
Harvey White—12 (1957)

* * *

**Most Touchdowns Responsibility as a
JUNIOR**

Bobby Gage—17 (1947)
Billy Hair—14 (1951)
Ray Mathews—13 (1949)

* * *

**Most Touchdowns Responsibility as a
SENIOR**

Fred Cone—15 (1950)
Bobby Gage—12 (1948)
Jackie Calvert—12 (1950)

* * *

**Most Touchdowns Responsibility
CAREER**

Four Years

Ray Mathews—39 (1947-48-49-50)
Bobby Gage—35 (1945-46-47-48)
Don King—24 (1952-53-54-55)

Three Years

Fred Cone—31 (1948-49-50)
Billy Hair—31 (1950-51-52)
Harvey White—24 (1957-58-59)
Jackie Calvert—22 (1948-49-50)

Post-Season Honors . . .

(NOTE: The following abbreviations are used below:
AP-Associated Press; UPI-United Press International;
ACC-Atlantic Coast Conference; NEA-Newspaper Enterprise Alliance; NFL-National Football League; ACSWA-Atlantic Coast Sportswriters Assn.; AFL-American Football League).

LE SAM ANDERSON—honorable mention All-ACC, AP.

RE GARY BARNES—honorable mention All-American, AP; first team All-ACC, AP, UPI, ACSWA.

FB DOUG CLINE—honorable mention All-American, NEA; first team All-ACC, ACSWA; second team All-ACC, UPI; honorable mention All-ACC, AP; 14th draft choice New York Giants, NFL; drafted by Houston, AFL. Voted best blocker in ACC, ACSWA.

LT LOU CORDILEONE—All-American as picked by NFL scouts; third team All-American, NEA, AP; first team All-ACC, AP, UPI; second team All-ACC, ACSWA; first draft choice New York Giants, NFL; drafted by Buffalo, AFL; Hula Bowl; East-West Shrine Game; invited to play in Senior Bowl.

RG DAVE LYNN—honorable mention All-American, NEA; honorable mention All-ACC, AP.

LHB BILL MATHIS—honorable mention All-American, NEA, AP; first team All-ACC, AP, UPI, ACSWA; Blue-Gray Game; Senior Bowl Game; eighth draft choice San Francisco 49ers, NFL; drafted by Denver, AFL.

RT HAROLD OLSON—first team All-ACC, ACSWA; second team All-ACC, AP, UPI; Blue-Gray Game; honorable mention All-American, AP; second draft choice Chicago Cardinals, NFL; drafted by Buffalo, AFL; All-American Bowl, Tucson, Ariz.

C PAUL SNYDER—honorable mention All-American, AP; first team All-ACC, UPI; second team All-ACC, AP, ACSWA; Blue-Gray Game.

QB HARVEY WHITE—honorable mention All-American, AP; second team All-ACC, AP, UPI; Blue-Gray Game; drafted by Boston, AFL.

NINE STATES, D. C., REPRESENTED

Nine states and the District of Columbia are represented on the Clemson traveling squad. South Carolina has the most with 17 players and running a distant second is Georgia with 11. Others are Pennsylvania with 7, New Jersey and North Carolina with four each, Maryland with two and Alabama, New York, West Virginia and District of Columbia with 1 each.

The Century Club

Ten coaches who are at major football institutions have now won 100 or more games in their career. Three of them—Bear Bryant, Ray Eliot and Johnny Vaught—joined the “Century Club” during the 1959 season. Frank Howard of the Clemson Tigers ranks sixth in the nation for the most wins in a career. Listed below are the “Century Club” members.

Name & School	Head Coach	Years As		W	L	T	Pct.
		G					
Jess Neely, Rice		33	330	177	136	17	.562
Eddie Anderson, Holy Cross		34	295	175	106	14	.617
Wally Butts, Georgia		21	224	133	82	9	.614
Bud Wilkinson, Oklahoma		13	137	121	13	3	.894
Bobby Dodd, Georgia Tech		15	162	116	40	6	.735
FRANK HOWARD, CLEMSON		20	194	114	70	10	.613
Bill Murray, Duke		16	159	104	46	9	.682
Bear Bryant, Alabama		15	158	103	44	11	.687
Ray Eliot, Illinois		22	197	102	82	13	.551
Johnny Vaught, Mississippi		13	135	100	29	6	.763

WORKOUT SCHEDULE

After a week layoff following the final regular season game, the Clemson team resumed workouts for the Bluebonnet Bowl Monday, Dec. 7, at Clemson. The team will hold nine workouts at home before departing for Houston Thursday, Dec. 17.

They will workout in Houston that day after arrival and also the following day.

The team will remain in Houston for all post-game activities and leaves to return to Clemson at 8:15 a.m., Monday, Dec. 21.

SPORTSWRITERS ON HAND

A large number of sportswriters from South and North Carolina and Georgia will be on hand to cover the pre-game and post-game festivities of the Clemson team. Those who have signified their intentions of covering the first annual Bluebonnet Bowl are:

Jim Anderson, The Greenville (S. C.) News; Dan Foster, The Greenville (S. C.) Piedmont; Jim Noyes, The Anderson (S. C.) Independent; Johnny Martin, The Anderson (S. C.) Daily Mail; Jim Foster, The Spartanburg (S. C.) Herald; Bill Rone, The Columbia (S. C.) State; Mac Hill, The Columbia (S. C.) Record; Ed Campbell, The Charleston (S. C.) News and Courier; Warren Koon, The Charleston (S. C.) Evening Post; Johnny Hendrix, The Augusta (Ga.) Chronicle; Jim Minter, The Atlanta (Ga.) Journal-Constitution; Bob Quincy, The Charlotte (N.C.) News; Jack Horner, The Durham (N. C.) Herald; Smith Barrier, Greensboro (N.C.) Daily News; and The Charlotte (N. C.) Observer, Staffer unknown. There may be others that the Clemson Sports Publicity Office does not know about.

TRAVEL PLANS

The official Clemson traveling party numbering over 130 will leave Greenville Municipal Airport at 9 a.m., Thursday, Dec. 17, aboard two chartered airliners (one Delta and one Eastern) for Houston, arriving in the Texas city some four hours later. Clemson Headquarters will be the Shamrock Hilton Hotel. The team plans to hold Thursday and Friday workouts after arriving in Houston. Included in the traveling party are 49 players, eight coaches, two trainers, team physician, two managers, college administrators, 15 sportswriters and approximately 30 wives.

The Hon. E. F. (Fritz) Hollings, governor of South Carolina, and his wife, Pat, head a group of state dignitaries who are coming to Houston for the Bluebonnet.

The traveling party is scheduled to leave Houston International Airport at 8:15 a.m., Monday, Dec. 21 for the return flight to Greenville.

Don't Fence Me In

CLEMSON PASSING LEADERS . . .

	Att.	Com.	I.	Gain
1935—Joe Berry, TB	72	42	7	422
1936—Joe Berry, TB	99	32	10	434
1937—Bob Bailey, TB	88	35	14	579
1938—Bob Bailey, TB	35	18	3	272
1939—Banks McFadden, TB	70	31	6	581
1940—Chippy Maness, TB	61	19	5	388
1941—"Booty" Payne, TB	90	35	4	582
1942—Marion Butler, TB	90	38	9	504
1943—Marion Butler, TB	34	12	1	166
1944—Sid Tinsley, TB	51	11	9	248
1945—Marion Butler, TB	45	11	6	239
1946—Dutch Leverman, TB	62	26	7	501
1947—Bobby Gage, TB	109	47	13	1002
1948—Bobby Gage, TB	105	42	10	799
1949—Ray Mathews, WB	72	24	6	487
1950—Billy Hair, TB	71	29	6	644
1951—Billy Hair, TB	164	67	12	1004
1952—Don King, TB	69	23	10	317
1953—Don King, QB	98	46	11	706
1954—Don King, QB	72	32	9	468
1955—Don King, QB	79	33	8	586
1956—Charlie Bussey, QB	68	26	5	330
1957—Harvey White, QB	95	46	3	841
1958—Harvey White, QB	87	43	5	492
1959—Harvey White, QB	98	52	3	693

CLEMSON RUSHING LEADERS . . .

	Att.	Gain	Avg.
1935—Joe Berry, TB	99	457	4.5
1936—Mac Folger, FB	144	522	3.6
1937—Don Willis, FB	99	329	3.3
1938—Don Willis, FB	103	483	4.7
1939—Charlie Timmons, FB	146	556	3.8
1940—Chippy Maness, TB	86	472	5.4
1941—Charlie Timmons, FB	149	635	4.3
1942—Marion Butler, TB	145	616	4.2
1943—James Whitmire, WB	72	376	5.2
1944—Sid Tinsley WB,	126	479	3.8
1945—Dewey Quinn, FB	89	392	4.4
1946—Bobby Gage, TB	58	264	4.5
1947—Bobby Gage, TB	114	502	4.4
1948—Ray Mathews, WB	113	646	5.7
1949—Ray Mathews, WB	118	728	6.0
1950—Fred Cone, FB	184	845	4.6
1951—Billy Hair, TB	160	698	4.4
1952—Red Whitten, FB	115	445	4.0
1953—Don King, QB	79	243	3.1
1954—Joel Wells, LHB	74	352	4.8
1955—Joel Wells, LHB	135	782	5.8
1956—Joel Wells, LHB	174	803	4.6
1957—Bob Spooner, FB	88	358	4.1
1958—Doug Cline, FB	103	450	4.3
1959—Doug Cline, FB	110	449	4.1

CLEMSON SCORING LEADERS

		TD's	F. G.	Ex. Pt.	Total
1927	Bob McCarley, FB	2	0	1	13
1928	O. D. Padgett, WB	7	0	0	42
1929	Goat McMillan, TB	9	0	0	54
1930	Maxcy Welch, TB	10	0	4	64
1931	J. M. Lambert, WB	1	0	0	6
	—E. R. Patterson, E	1	0	0	6
	—Fred Hook, FB	1	0	0	6
1932	Henry Woodward, TB	5	0	0	30
1933	Gene Willimon, TB	2	0	0	12
	—Bill Dillard, BB	2	0	0	12
1934	Randy Hinson, TB	3	0	0	18
1935	Mac Folger, FB	6	0	0	36
1936	Mac Folger, FB	8	0	0	48
1937	Red Pearson, BB	3	1	8	29
1938	Banks McFadden, TB	5	0	0	30
	—Shad Bryant, WB	5	0	0	30
1939	Shad Bryant, WB	4	0	8	32
1940	Aubrey Rion, WB	4	0	4	28
1941	Charlie Timmons, FB	9	0	23	77
1942	Marion Butler, TB	6	0	0	36
1943	James Whitmire, TB	4	0	0	24
1944	Bill Rogers, FB	6	0	1	37
1945	Jim Reynolds, FB	5	0	0	30
	—Marion Butler, TB	5	0	0	30
1946	Dutch Leverman, TB	4	0	0	24
	—Chip Clark, LE	4	0	0	24
1947	Jim Reynolds, WB	8	0	0	48
1948	Ray Mathews, WB	13	0	0	78
1949	Fred Cone, FB	9	0	1	55
1950	Fred Cone, FB	15	0	2	92
1951	Glenn Smith, LE	7	0	0	42
1952	Don King, TB	3	0	0	18
	—Billy Hair, TB	3	0	0	18
	—Red Whitten, FB	3	0	0	18
	—Buck George, WB	3	0	0	18
1953	Dreher Gaskin, LE	5	0	0	30
1954	Jim Coleman, RHB	5	0	1	31
1955	Joe Pagliei, RHB	7	0	1	43
1956	Joel Wells, LHB	8	0	0	48
1957	Bob Spooner, FB	5	0	0	30
	—Bill Mathis, RHB	5	0	0	30
1958	Harvey White, QB	5	0	0	30
1959	Bill Mathis, LHB	11	0	4	70

WIVES ARE INCLUDED

Eight players on the Clemson team are married and all eight of the wives are expected to make the trip to Houston. They will accompany the official party, leaving Greenville Thursday, Dec. 17.

Married players and their wives are:

LE Emil Zager, wife Beverly, parents of a son.

LT Jack Smith, wife Judy, parents of a daughter.

RG Ray Garris, wife Harriet.

RT Morris Keller, wife Charlton, parents of a daughter.

QB Harvey White, wife Pat, parents of a daughter.

LHB Bob Chatlin, wife Shirley.

RHB Doug Daigneault, wife Jane, parents of a daughter.

RHB Jim Wilson, wife Mary.

Facts Of Interest . . .

Bill Mathis' 70 points scored (seven TDs rushing, three receiving, one on a kickoff return, and two two-point conversions) were tops in the Atlantic Coast Conference for the year. These were the most points scored by a Clemson player in one year since fullback Fred Cone tallied 92 in 1950.

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Harvey White's 2,026 yards passing in three years broke the old school record of 1,885 yards set by Billy Hair in 1950-51-52.

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The 141 pass completions by Harvey White knocked two Clemson records out of the books. Billy Hair had the three-year mark of 116, but White also surpassed the 134 Don King had in four years of varsity competition in 1952-53-54-55.

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White also set a new record for the best per cent of completions. Hair had 39.3 percent (116 of 295) in three years and Bobby Gage had 44.2 percent (123 of 278) in 1945-46-47-48. In his three years of competition White has connected on 141 of 280 attempts for 50.1 percent.

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The 99-yard kickoff return by Bill Mathis in the Georgia Tech game was a new conference and school record. And his 143 yards on three returns against the Jackets was also a new ACC mark.

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George Usry returned six punts against Duke this season which tied an ACC record.

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Clemson's three backs — Doug Cline, Bill Mathis and George Usry — have gained 3,037 yards on 666 attempts in three years for a 4.6 average. Cline has 1,084 yards on 250 runs (4.3), Mathis has 954 on 210 attempts (4.5) and Usry has 999 yards on 206 tries (4.8).

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When Clemson fullback Doug Cline was voted the top blocker in the Atlantic Coast Conference this fall, it marked the first time a Clemson player had received the honor since the league was formed in 1953. However, he was the fourth straight fullback to be so selected.

60 Teams Met In Past . . .

Listed Alphabetically

Against	Played	Won	Lost	Tied	Pts.	Op. Pts.
Alabama	9	3	6	0	99	202
Army	1	0	1	0	6	21
Auburn	37	11	24	2	304	632
Bingham	1	1	0	0	55	0
Boston College	11	7	3	1	231	349
Camp Gordon	4	4	0	0	72	0
Camp Hancock	1	0	1	0	13	66
Camp Sevier	1	1	0	0	65	0
Centre	3	0	3	0	7	63
Charlotte 'Y'	1	1	0	0	10	0
Citadel	28	22	5	1	473	106
Col of Pacific	1	0	1	0	7	21
Colorado	1	0	1	0	21	27
Cumberland	1	0	0	1	11	11
Davidson	20	11	5	4	239	115
Duke	5	1	4	0	30	90
Duquesne	4	4	0	0	162	53
Elon	1	1	0	0	60	0
Erskine	8	7	1	0	234	19
Florida	12	3	8	1	144	292
Fordham	1	0	0	1	12	12
Furman	43	29	10	4	920	352
Geo. Washington	5	3	1	1	59	13
Georgia	32	10	20	2	330	486
Georgia Pre-Flight	1	0	1	0	6	32
Georgia Tech	31	8	22	1	324	630
Guilford	1	1	0	0	122	0
Howard	3	3	0	0	97	0
Jacksonville NAS	1	0	1	0	6	24
Kentucky	6	1	5	0	46	104
Louisiana State	1	0	1	0	0	7
Maryland	8	2	5	1	77	130
Maryville	1	1	0	0	35	0
Mercer	7	4	3	0	114	49
Miami (Fla.)	5	1	4	0	28	95
Mississippi	2	0	2	0	7	39
Mississippi State	2	1	0	1	28	14
Missouri	2	2	0	0	58	23
Navy	1	1	0	0	15	7
Newberry	6	6	0	0	288	7
North Carolina	8	4	4	9	96	129
N. C. State	31	23	7	1	338	167
Oglethorpe	1	0	1	0	0	12
Pensacola NAS	1	1	0	0	7	6
Port Royal	1	1	0	0	19	0
Presbyterian	39	32	3	4	1136	139
Rice	5	3	2	0	73	75
Riverside	1	1	0	0	26	0
Sewanee	1	0	1	0	5	11
South Carolina	57	33	21	3	961	519
Southwestern	56	32	21	3	934	519
Tennessee	2	1	0	1	33	18
Tulane	16	5	9	2	80	205
Vanderbilt	7	2	5	0	99	147
Villanova	3	1	2	0	12	89
Virginia	5	5	0	0	114	28
Virginia Military	12	5	5	2	194	123
Virginia Tech	14	7	6	1	181	163
Wake Forest	25	17	8	0	427	277
Wofford	11	8	3	0	184	53
TOTALS	550	298	217	35	8807	6081

